

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

690 Walnut Ave. St. 150

Vallejo, CA 94592-1133

(707) 649-5453

(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-000785**Date Inspected:** 24-Oct-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 1330**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	Closed Rib Section				

Summary of Items Observed:

On this date, Caltrans Office of Structural Materials (OSM), Quality Assurance (QA) Inspector, David A. Smith was present for the observations related the following;

Item-1 Twelve Closed Rib Macro samples were cleaned and etched so that a visual of the weld penetration could be measured and photographed. The measurements and photographs were accomplished utilizing a 7X (power) Bausch & Lomb Measureing Magnifier. The depths of the Lack of Penetration area for each of the 12 Macro Specimens were measured by this Caltrans QA Inspector and are as follows: Specimen #1-1.35mm, #2-0.3mm, #3-1.6mm, #4-0.4mm, #5-0.7mm, #6-0.0mm, #7-0.6mm, #8-0.3mm, #9-0.7mm, #10-1.8mm, #11-1.5mm and #12-1.8mm. For his review the photographs and depths for each of the Lack of Penetration Specimens was forwarded to Caltrans QA Task Leader Jimmy Cochran.

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Summary of Conversations:

There were no pertinent conversations pertaining to the project during this shift.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Smith,David	Quality Assurance Inspector
Reviewed By:	Cochran,Jim	QA Reviewer
